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MJS		DR	and Communication Eng	ineers Electronic	es Society	Meeting C-3-78 (no mon	th availi)					
MJS		M. Tsukitani, et al, "LOW-NONLINEARITY DISPERSION-FLATTENED HYBRID TRANSMISSION LINES CONSISTING OF LOW NONLINEARITY PURE-SILICA-CORE FIBERS", Technical Report of leice, OCS 99-97, Ope 99-101, LQE 99-98 (1999-11) (1997) RD MONTH AVAIL.)										
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M72		ES	Eisuke Sasaoka et al, "Do Large Capacity WDM T	esign Optimizati ransmission Syst	on of SMI tems", OE	F-DCF Hybrid Transmissi CC '99, pp. 378-379.	on Lines For (1999, no s	·Long Haul menth avail,)		
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